

01-29-01

A

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Small Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
IRV1.PAU.40Total Pages in this Submission  
4**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**A STACKABLE MICROCIRCUIT LAYER FORMED FROM A PLASTIC ENCAPSULATED MICROCIRCUIT  
AND METHOD OF MAKING THE SAME**

and invented by:

Douglas M. Albert  
Keith D. GannIf a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 31 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal      b. ☐ Informal      Number of Sheets 6
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)*      ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche
7. ☐ Genetic Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☐ Assignment Papers *(cover sheet & documents)*
9. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement/PTO-1449      ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class      ☒ Express Mail *(Specify Label No.):* EL608383418US

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**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ Small Entity Statement(s) - Specify Number of Statements Submitted: \_\_\_\_\_
17. ☐ Additional Enclosures *(please identify below)*:

**A STACKABLE MICROCIRCUIT LAYER FORMED FROM A PLASTIC ENCAPSULATED  
MICROCIRCUIT AND METHOD OF MAKING THE SAME**

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

# UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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1c973 U.S. PTO  
09/770864  
01/26/01

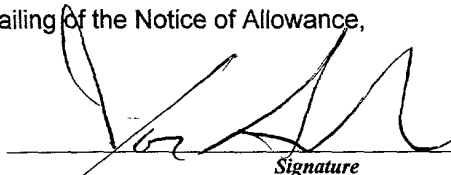
## Fee Calculation and Transmittal

### CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
<b>Total Claims</b>	45	- 20 =	25	x \$9.00	\$225.00
<b>Indep. Claims</b>	4	- 3 =	1	x \$40.00	\$40.00
<b>Multiple Dependent Claims (check if applicable)</b> <input type="checkbox"/>					\$0.00
<b>BASIC FEE</b>					\$355.00
<b>OTHER FEE (specify purpose)</b>					\$0.00
<b>TOTAL FILING FEE</b>					\$620.00

- ☒ A check in the amount of \$620.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 01-1960 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
- ☐ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: January 26, 2001

  
Signature

Joseph C. Andras, Reg. No. 33, 469

Adjustment Date: 02/05/2001 RHARIS1  
01/31/2001 RHARIS1 00000046 011960 09770864  
01 FC 201 355.00 CR  
02 FC 202 40.00 CR  
03 FC 203 225.00 CR

CC:

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Indep. Claims	4	- 3 =	1	x \$40.00	\$40.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$355.00
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pursuant to 37 C.F.R. 1.311(b).

Dated: January 26, 2001

Joseph C. Andras, Reg. No. 33, 469

Signature

1c973 U.S. Pro  
09/770864  
01/26/01

MYERS, DAWES & ANDRAS LLP  
Patents, Trademarks, and Copyrights

January 26, 2001

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, DC 20231

Re: U.S. Patent Application  
Filed: January 25, 2001  
**A STACKABLE MICROCIRCUIT LAYER FORMED FROM A  
PLASTIC ENCAPSULATED MICROCIRCUIT AND METHOD OF  
MAKING THE SAME**  
Our Ref. No.: IRV1.PAU.40

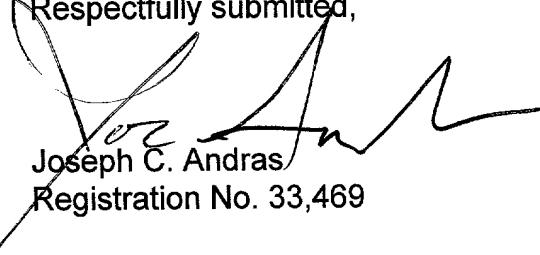
Dear Sir:

Transmitted herewith for filing in the United States Patent and Trademark Office is the above-referenced patent application.

Enclosed are a Utility Patent Application Transmittal; specification and claims (31 pages); drawings (6 sheets); a Declaration; two Power of Attorney; a check for \$620.00; a return postcard; Certificate of Mailing By "Express Mail"; and this transmittal letter.

Applicant is a small entity.

Respectfully submitted,

  
Joseph C. Andras  
Registration No. 33,469

JCA/aw


Enclosures

Express Mail Label Number: EL608383418US

Date of Deposit: January 26, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231

Angela Williams

  
(Signature of person mailing paper or fee)

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**


Applicant(s):

Docket No.

IRV1.PAU.40

Serial No.  
UNKNOWNFiling Date  
HEREWITHExaminer  
UNKNOWNGroup Art Unit  
UNKNOWNInvention: **A STACKABLE MICROCIRCUIT LAYER FORMED FROM A PLASTIC ENCAPSULATED  
MICROCIRCUIT AND METHOD OF MAKING THE SAME**

I hereby certify that the following correspondence:

**Transmittal Letter; Utility Patent Application Transmittal; Specifications; Drawings; Declaration; two Power of  
Attorney; Check No. 3232 in the amount of \$620.00; Return Postcard***(Identify type of correspondence)*is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 onJanuary 26, 2001*(Date)*Angela Williams*(Typed or Printed Name of Person Mailing Correspondence)*  
*(Signature of Person Mailing Correspondence)*EL608383418US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**